

# Manhole Inspection Summary

Manhole # S08II1005MH

Printed On: 6/24/2010

Page 1 of 4

**Inspection** ☐ Is Incomplete Rating: **4) Poor**

Record Plat: **08II1** Node: **005** Status: **Found**

Insp Date: **2/6/09 10:30 AM**

Incomplete Comments

Crew: **SD WJ**  
Inspector: **Lamont**  
Firm: **URS**

**Location** Address: **4820 SETON DR** Cross Street: **NORTHERN PKWY**

**Manhole** Type: **Inline** Location: **Sidewalk** Ground Conditions: **Dry**  
☐ Prev. Rehab Weather: **Dry** Subject To Ponding: **None**

Comments **ROOT INTRUSION FROM CORBEL TO BENCH**

**Cover** Shape: **Circular** Diameter: **26** (in.) Length: (in.) Dist A/B Grade: **2** (in.)  
Type: **Sanitary** Condition: **Sound** Cover Material: **Cast Iron**  
Properties: ☐ Bolted ☐ Vented ☐ Water Tight ☐ Water Tight Insert

**Frame** Offset: **0** (in.) Condition: ☒ Sound ☐ Cracked ☐ Leaks

**Chimney / Frame Adjustment** ☒ Exists Material: **Brick** ☐ Parged Height: **5** (in.)  
Condition: ☐ Sound ☐ Cracked ☒ **Root Intrusion** ☐ Loose Brick ☐ Deteriorated  
Infiltration: ☐ None ☒ **Joint** ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

**Corbel** Material: **Brick** ☐ Parged Type: **Flat top**  
Condition: ☐ Sound ☐ Cracked ☒ **Root Intrusion** ☐ Loose Brick ☐ Deteriorated  
Infiltration: ☒ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

**Barrel** Material: **Brick** ☐ Parged  
Shape: **D-Shape** Diameter: **34** (in.) Length: **48** (in.)  
Condition: ☐ Sound ☐ Cracked ☒ **Root Intrusion** ☐ Loose Brick ☐ Deteriorated  
Infiltration: ☒ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

**Bench** ☒ Exists Material: **Brick** ☐ Parged  
Condition: ☐ Sound ☐ Cracked ☒ **Root Intrusion** ☐ Deteriorated ☐ Leaks ☐ Debris

**Channel** Material: **Brick** ☐ Parged  
Channel Exposure: **Fully Open** Junc Dist: **0** nearest .5 ft. Azimuth:  
Condition: ☐ Sound ☐ Cracked ☒ **Root Intrusion** ☐ Deteriorated ☐ Leaks ☐ Debris

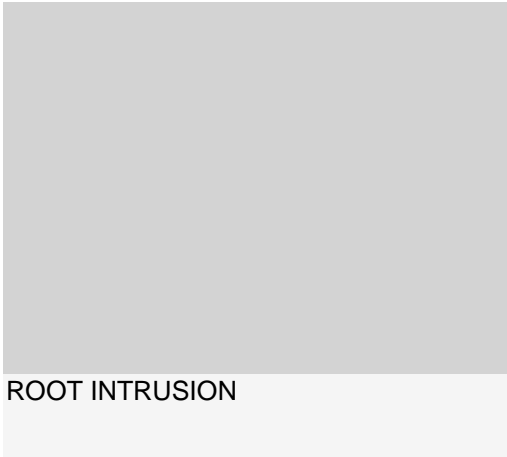
**Steps** Count: **2** Missing: **0** ☐ Corroded

**Surcharge** ☐ Evidence Of Surcharge Depth: (ft.) ☐ Active Surcharge Present

Location View



GRADE ADJUSTMENT



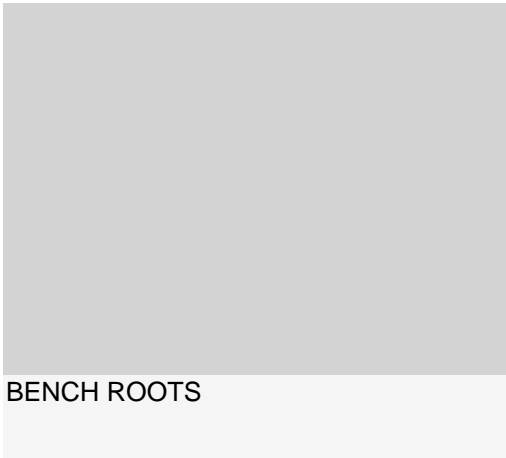
ROOT INTRUSION

Defect 6



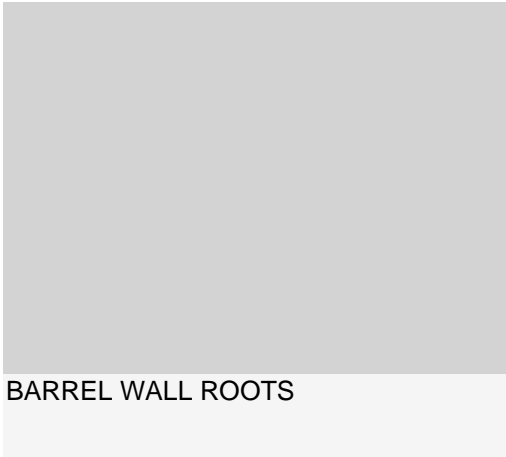
ROOTS ALONG PIPE SEAL

Top View



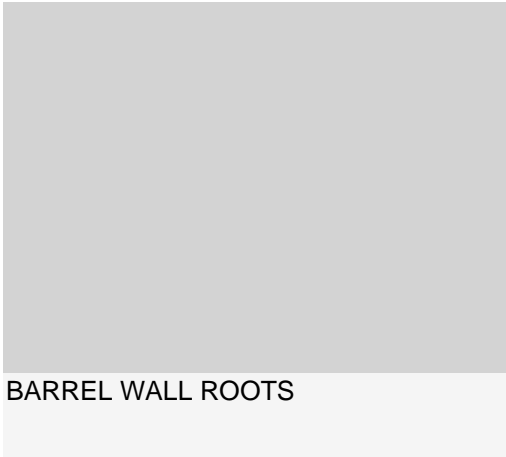
BENCH ROOTS

Defect 2



BARREL WALL ROOTS

Defect 3



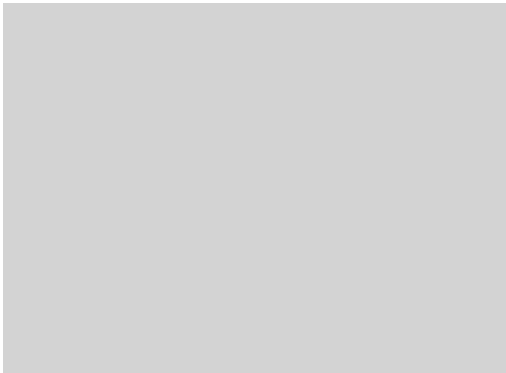
BARREL WALL ROOTS

Defect 5



ROOTS BELOW CORBEL

Defect 1



SEVERE ROOTS FROM CORBEL

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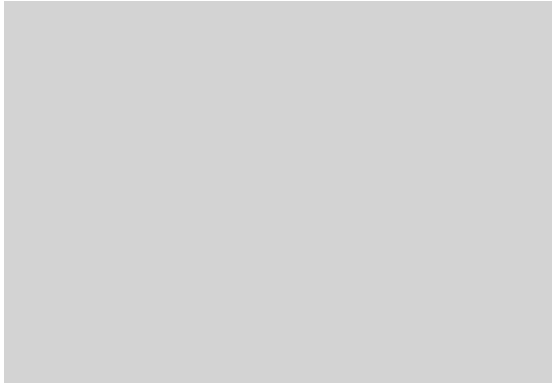
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Page 4 of 4

8 in. Circular Gravity Sewer  
Pipe Out @ 12 O'Clock

12 O'Clock Outflow



PIPE SEAL ROOTS

Pipe Height: **8.4** (in.) Rod and Bar (Angled)

Pipe Material: **PVC** ☐ Pipe Lined

Invert Depth: **5.10** (ft.) Flow Characteristics: **Fast**

Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: **None** Pipe Seal Cond: **Roots**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection

8 in. Circular Gravity Sewer  
Pipe In @ 7 O'Clock

7 O'Clock Inflow



PIPE SEAL AND CHANNEL ROOTS

Pipe Height: **8.4** (in.) Rod and Bar (Angled)

Pipe Material: **PVC** ☐ Pipe Lined

Invert Depth: **5.00** (ft.) Flow Characteristics: **Fast**

Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: **None** Pipe Seal Cond: **Roots**

Drop: **None**

Connects To: **Dead End**

☐ Possible Illicit Connection